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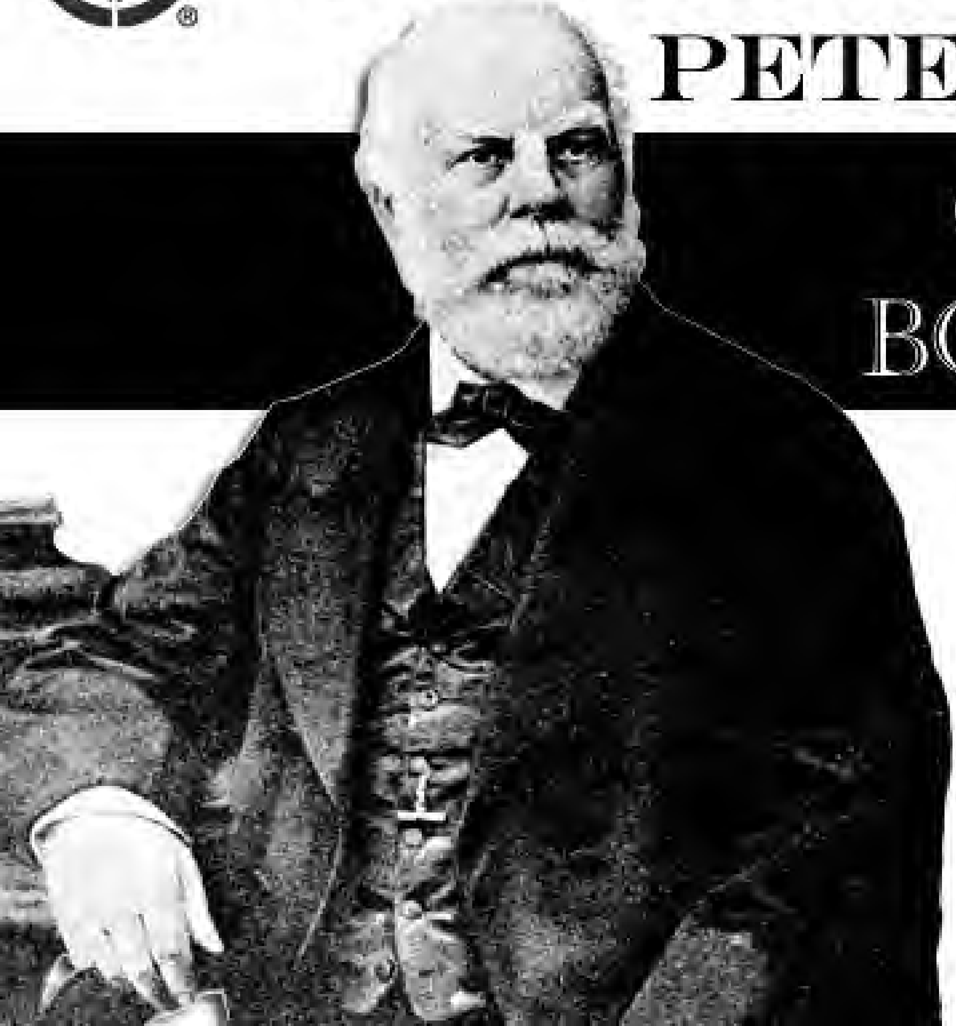

GEORGE ENGELMANN BOTANICAL NOTEBOOKS

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Libocedrus

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RILEY.—Supplementary Notes on *Pronuba Yuccasella*, 178–180
GAGE.—On the Occurrence of Iron Ores in Missouri, 181–192

Journal of Proceedings, - - - - - - i–xcviii
Publications received in exchange.
" donated.

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Libocedrus wood - fr Cuiamaca
Mountains - Bark of Indian;
certainly with Pine-like bark!
E. Palmer

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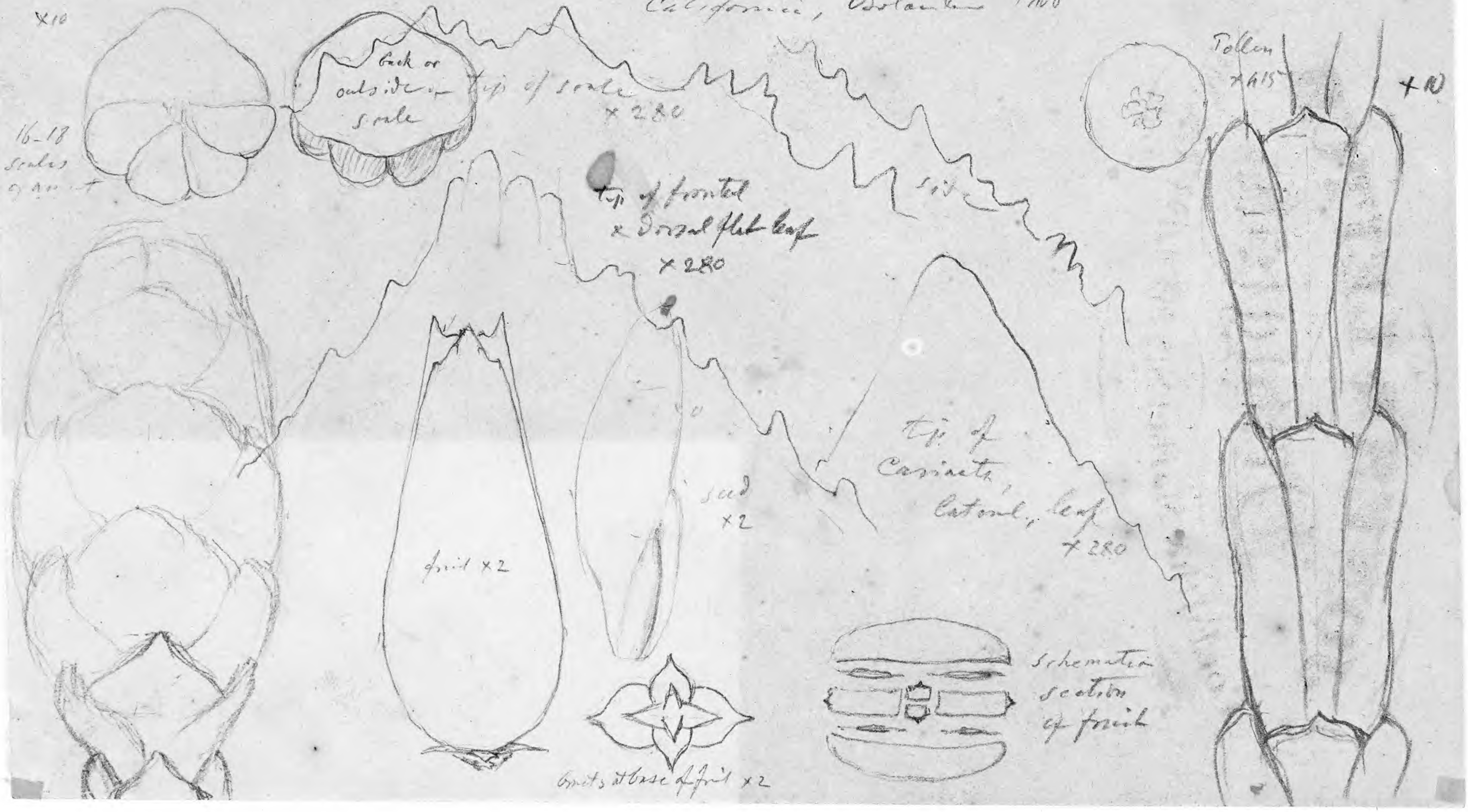
Libocedrus decurrens

April 14 1874

California, Bolander 1866


×10
16–18 scales of a rest
back or outside of scale
tip of scale ×280
tip of frontal & Dorsal flat leaf ×280
side
Pollen ×415
×10
fruit ×2
seed ×2
tip of Carinate, lateral, leaf ×280
Bracts at base of fruit ×2
Schematic section of fruit

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Libocedrus decurrens April 16 1874

acuminate cuspidate
about 4 pairs ovate bracts at base of fruit, inner ones broadest, largest.

exterior pair of fruit scales fertile 2 seeded, or 1 seeded or seeds abortive but distinct

2d and 3d pair of scales forming the dissepiment
3d very imperfect, forming the inner part of dissepiment, but distinguished by the cusps alternating with those of the 2d pair

seeds 2 winged, one wing shorter than the other, both confluent; abortive seeds (ovules) regularly 2 winged equal sized

wings 2/3 or 1/2 the length of the seeds – seeds ~~lateral~~ side by side but wings covering one another, each one of the width of the scale

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STODDARD PHARMACY.
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Oregon 1853 now 14–18 feet high

Libocedrus decurrens was distributed by the Association as Thuja Craigiana

Thuja gigantea seeds were also first sent home by Jeffrey now 20 feet high

Seeds ~~of~~ same have since been sent home as Th. Lobbii, T. Menziesii

T. Craigiana — A variety? came up from Jeffrey's seeds and is now

cultivated as Th. Craigiana; now 15 feet high. James McNabb in Gard. Chron April 6 1872

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Libocedrus decurrens a small colony on both sides
of Rancherie Creek (Confluent of Navarro River, north
of San Francisco) among dense woods of Redwood,
– to me a new sight – to see this tree among
the coast range. Largest trees 2–3 feet diam.
50–60 feet high. — Nearly in flower at
the end of September
Bolander in litt

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EDWIN R. S
Apothecaries &
S.W. CORNER OF TWEL
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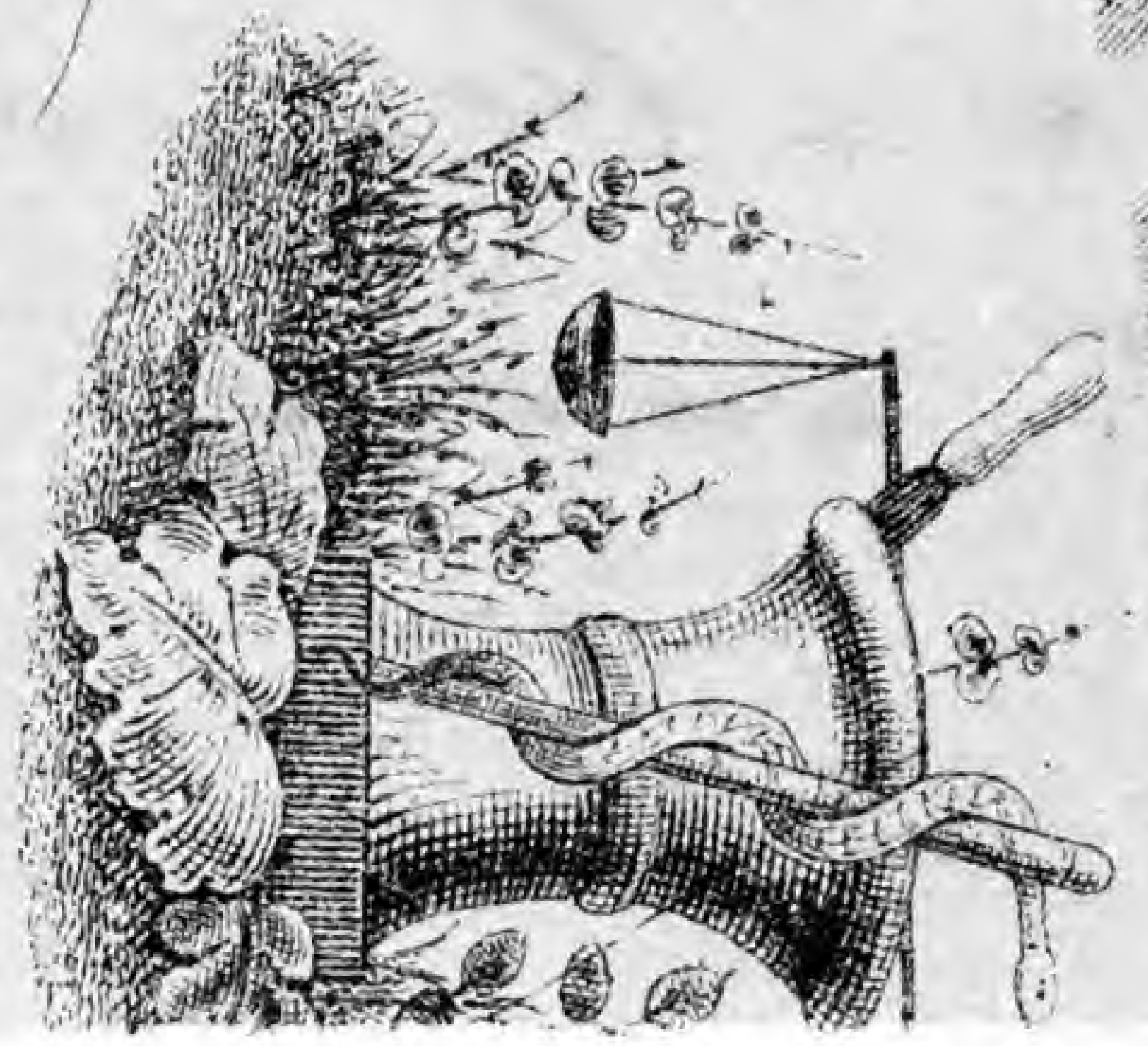

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Libocedrus decurrens

California

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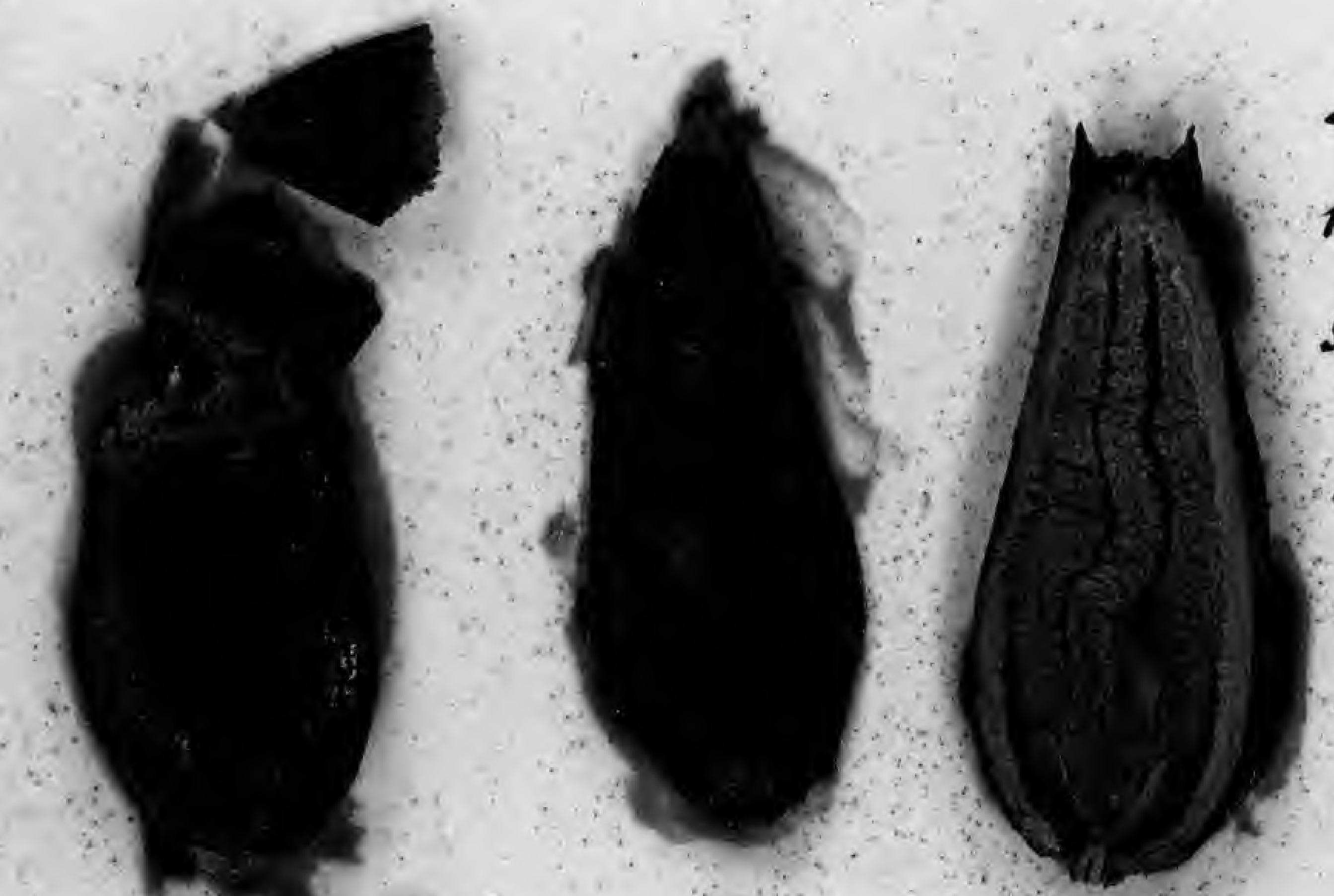
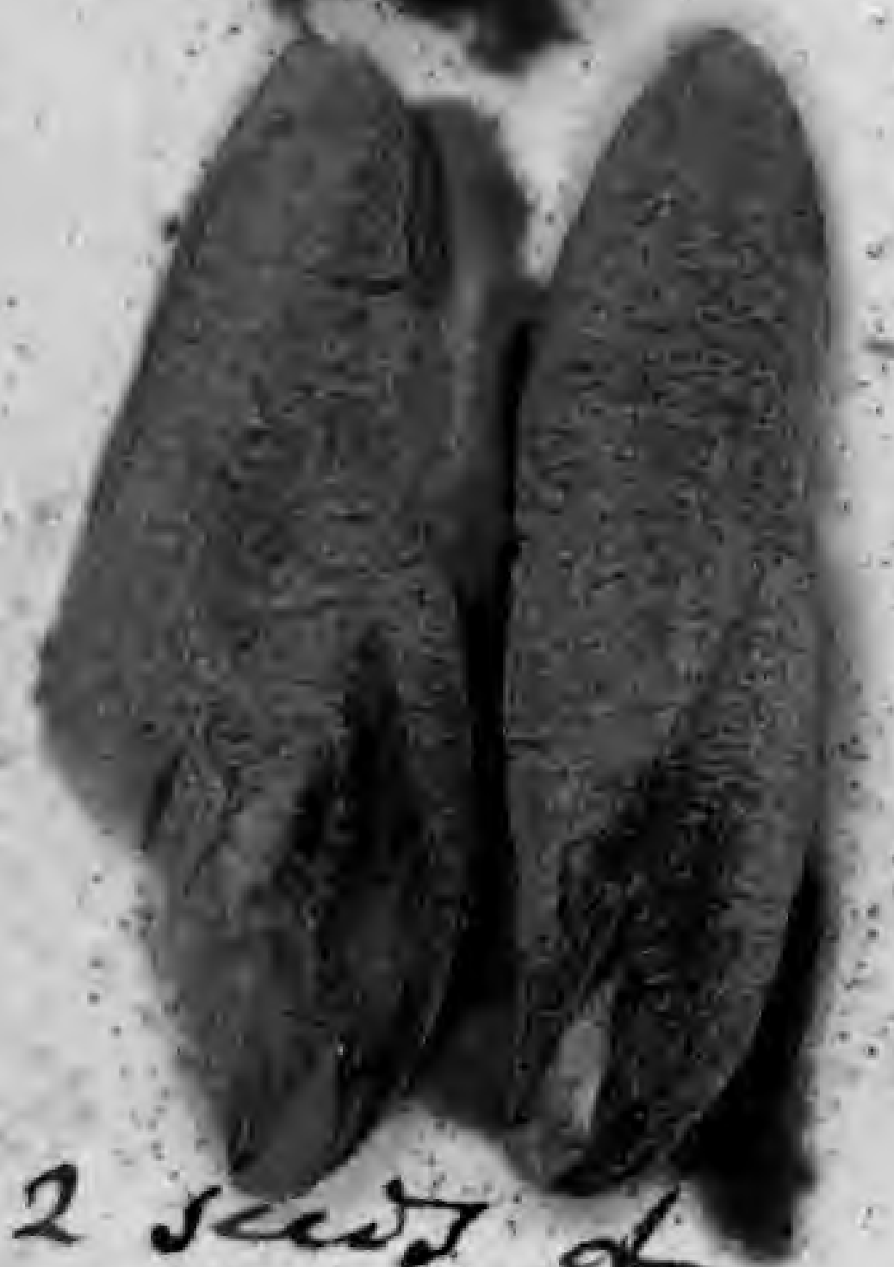
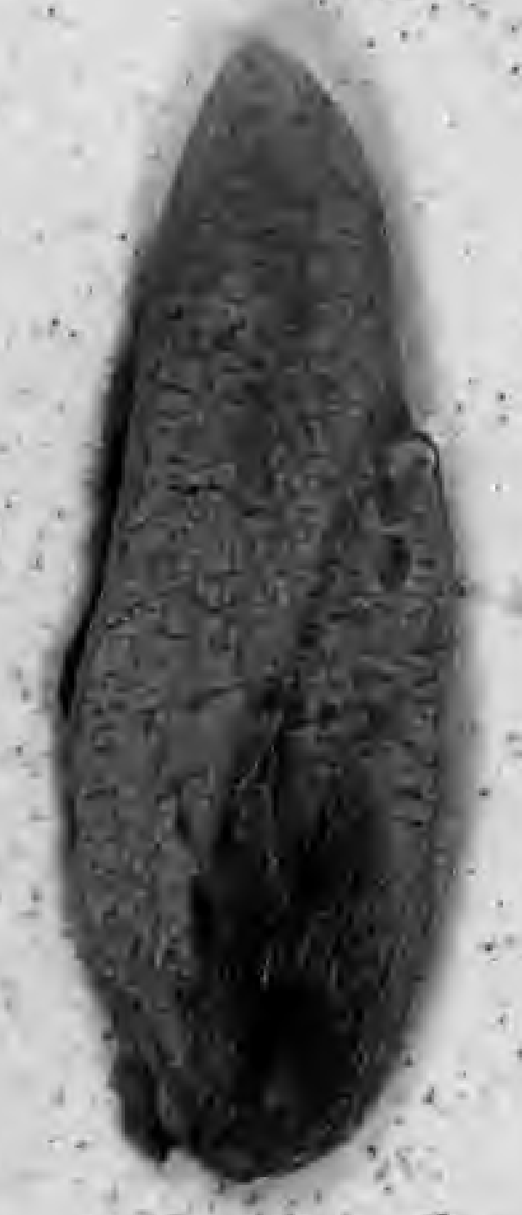
exterior scales



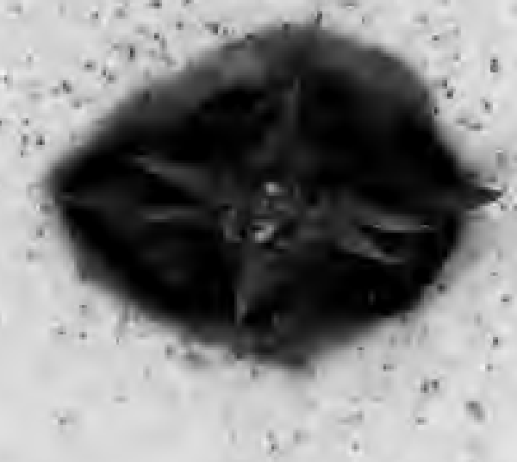
2 pair of interior scales, forming a dissepiment



2 seeds of one scale

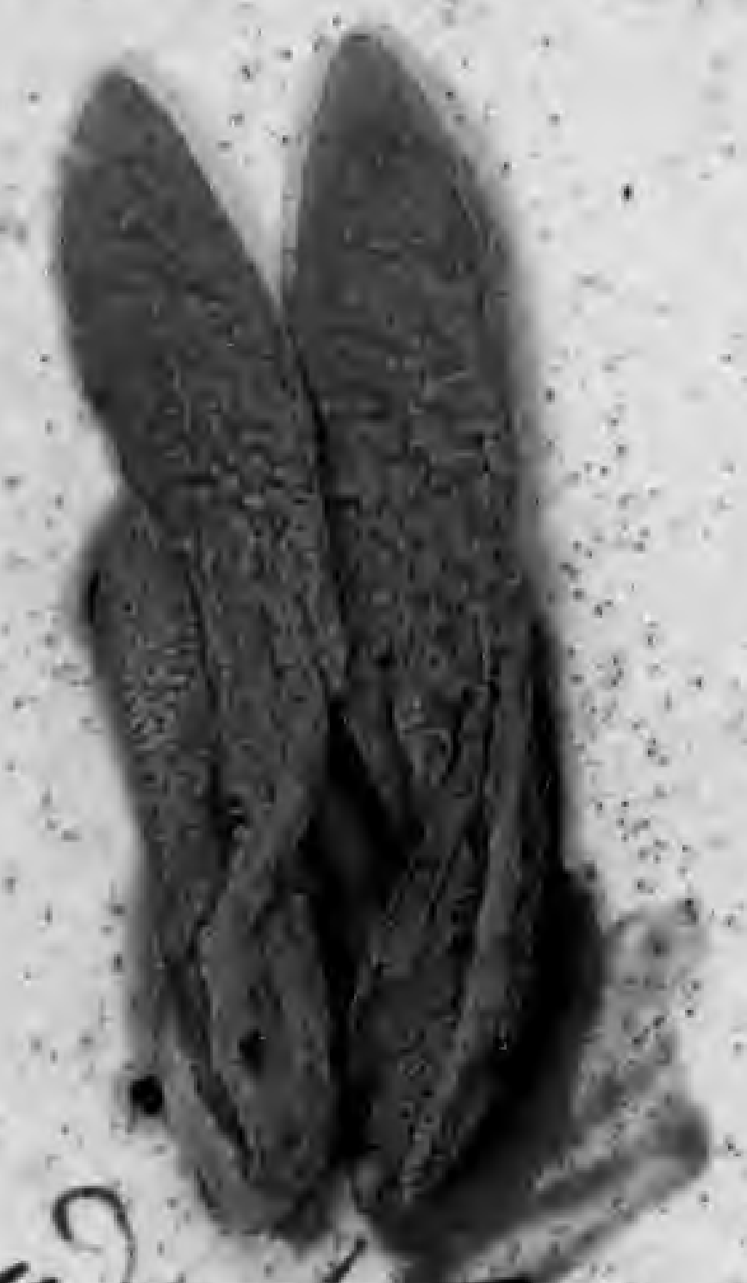


single seed



basal bracts of fruit

rudimentary seeds at the base of the other scale



2 seeds of another fruit in one scale

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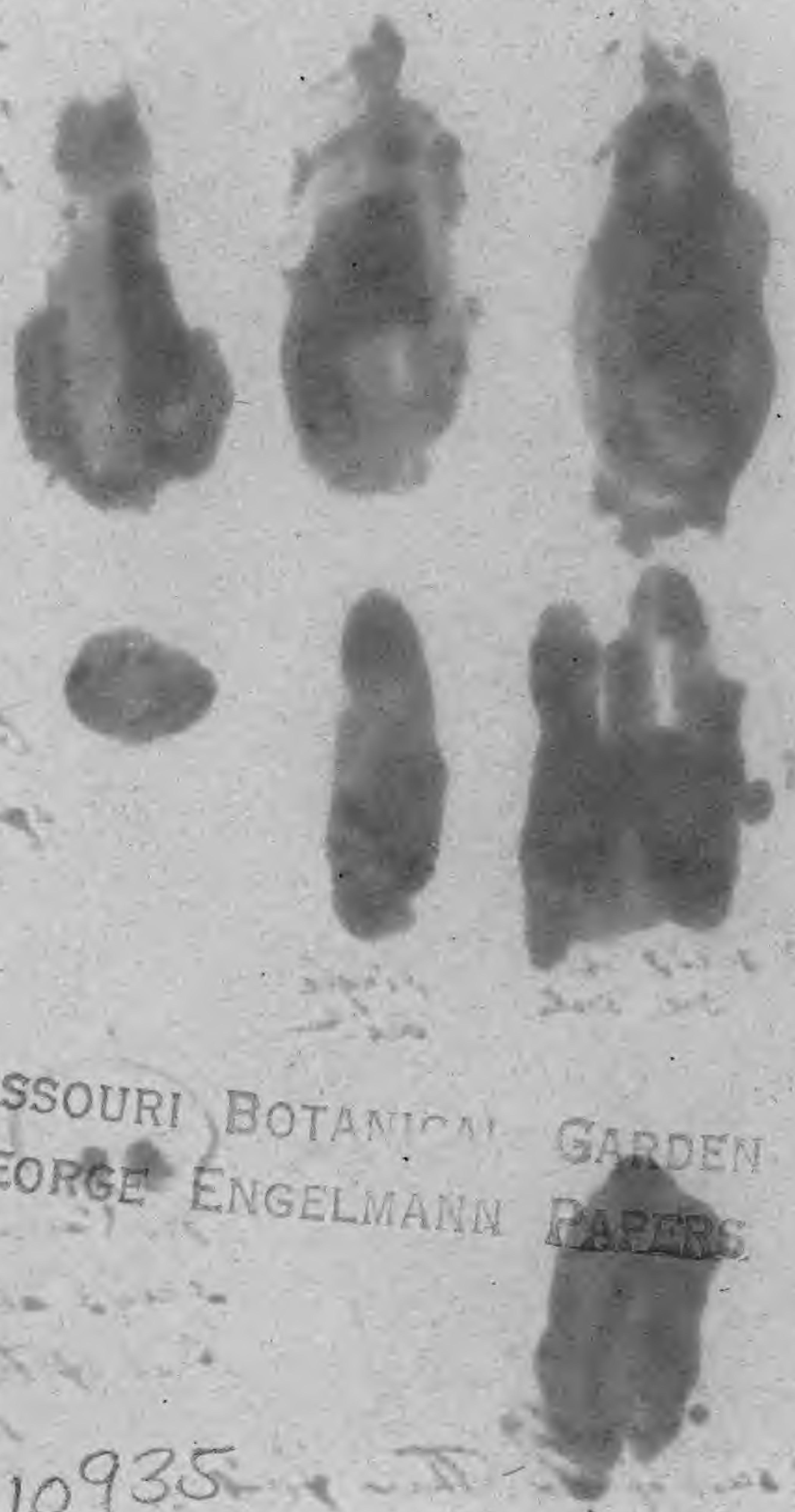

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